



PROTECTING YOUR ENTERPRISE THROUGH SECURE AUTHENTICATION™



COMPUTER NETWORKS



PHYSICAL FACILITIES



APPLICATIONS



MANUFACTURING AUTOMATION SYSTEMS



TIME & ATTENDANCE SYSTEMS

IDENTITY ASSURANCE MANAGEMENT™

An Introduction to SAFLINK

“Doorway to Desktop” Identity Assurance Supporting FIPS201

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SAFLINK Overview

- Founded in 1991: 14 years of delivering biometric-based strong authentication solutions
- Merged with Litronic in August 2004
 - 35 year track record of providing government security solutions, especially DoD/Intelligence
- Enterprise solutions for secure authentication and identity assurance management:
 - Physical, logical and network access security
 - Leverages biometric, smart card, and PKI technology and domain expertise
- 100% U.S. content offering comprehensive and integrated doorway-to-desktop security
- 1M+ users throughout Government and Private Sector

Our Approach

- Drive standards and build to standards
- Thought and industry leadership:
 - Chair of International Biometric Industry Association and Biometric Foundation
 - Standards Organizations:
 - Chair, BioAPI consortium
 - ANSI/INCITS M1 (biometrics) project editor
 - ISO/IEC JTC1 SC37 (biometrics) US head of delegation
 - INCITS B10.9 technical committee
- Standards based, COTS focus:
 - Matching COTS technologies to customer business and security requirements
 - Extending COTS through consulting and project services for tailored solution

Market Shaping Programs

- SAFLINK is currently supporting several high-profile government-based secure authentication/identity management programs:
 - **TSA, TWIC** – providing physical access readers, privilege granting systems, network security, biometrics solutions and architectural guidance
 - **Florida Seaport Gate Control System** – TWIC-based Smart card/biometric readers for Florida ports
 - **DHS, US VISIT** – Biometrics subject matter expertise on the Smart Border Alliance
 - **DoD, CAC** – 600,000 smartcard middleware licenses deployed
 - **DoD, Defense Messaging System** – the world's largest deployed secure messaging system, providing cryptographic libraries, drivers, and readers

Products That Support GSC-IS 2.1 Cards Today

- **SAFLINK products already support cards with SP800-73's transitional card edge, but not the new PIV data model.**
 - **ECMS – Card Management System**
 - Can issue Java Cards with RSA key pairs using multiple certificate authorities and multiple applet providers
 - **Netsign – CAC/TWIC middleware**
 - Provides CSP, BSI, and PKCS-11 for GSC-IS 2.1
 - **BioAPI-based Biometric Enrollment and Authentication:**
 - Currently supporting multiple vendor biometric templates (via contact or contactless interfaces)

SAFpassage – Enhances Legacy PACS Systems

- Biometric SC readers integrate transparently with legacy PACS to preserve investment
 - Generates Wiegand output
 - Outdoor rated
- Currently:
 - Supports TWIC data model
 - Symmetric DESfire card auth
 - Contactless fingerprint template match on reader
- Next Generation
 - PIV data model support
 - Asymmetric/PK auth support
 - Contact Fingerprint Image per FIPS 201
 - Contact/contactless ANSI Minutiae template
 - Available Dec 2005

NetSign PIV Card Middleware

- NetSign CAC
 - Specific to DoD CAC
 - 800-73 Transitional PIV support
 - Available Dec 2005
- NetSign Enterprise
 - Desktop Release for Government
 - 800-73 Transitional and Final PIV support
 - Available Dec 2005
- NetSign for Mobile
 - Windows CE PDA Mobile Devices
 - 800-73 Transitional and Final PIV support
 - Available Dec 2005

Thank you!

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